

### **Abstract**

A method for identifying an agent that has an influence on the amount of an analyte expressed by a cell, said method comprising

- stimulating a cell to produce at least 2 analytes,
- forming, in the absence and in the presence of a candidate compound, on the pins of a matrix at least 2 recognition complexes between an analyte and a recognition molecule,
- treating said recognition complexes with detection molecules to obtain on the pins of the matrix detection complexes,
- determining each amount of each detection complex formed on the pins ,
- comparing each amount of detection complex formed in the absence and in the presence of a candidate compound, and
- choosing a candidate compound which has an influence on the amount of at least one of the detection complexes formed as a pharmaceutical agent.